

### AMENDMENTS TO THE CLAIMS

1. (Currently amended)

An optical member for gathering light, which is located on one side of a light source of a plane image input device, ~~the plane image input device being loaded with a document,~~ the optical member comprising a body which has ~~an~~ a curved incident surface, a first reflecting surface, a second reflecting surface and ~~an~~ a curved emergent surface, wherein light emitted from the light source on the one side enters the body ~~from~~ through the curved incident surface, forms a total reflection through the first reflecting surface and the second reflecting surface and passes through the curved emergent surface in order to project onto the document.

2. (Currently amended)

The optical member for gathering light of claim 1, wherein the curved incident surface is close to the one side of the light source, and the curved emergent surface corresponds to the document, so that the light emitted from the light source on the one side enters the body ~~from~~ through the curved incident surface, forms a total reflection inside the body and passes through the curved emergent surface in order to project onto the document.

3. (Original)

The optical member for gathering light of claim 1, wherein the first reflecting surface is connected to the second reflecting surface at about 90 degrees.

4. (New)

A plane image input device with an optical member, the plane image input device being loaded with a document, the optical member including a body which has a curved incident surface, a first reflecting surface, a second reflecting surface and a curved emergent surface, when a light emitted from the light source on the one side enters the body through the curved incident surface, and forms a total reflection through the first reflecting surface and the second reflecting surface and passes through the curved emergent surface in order to project onto the document.

5. (New)

A plane image input device with an optical member of claim 4, wherein the curved incident surface is close to the one side of the light source, and the curved emergent surface corresponds to the document, so that the light emitted from the light source on the one side enters the body through the curved incident surface and, forms a total reflection inside the body and passes through the curved emergent surface in order to project onto the document.

6. (New)

A plane image input device with an optical member of claim 4, wherein the first reflecting surface is connected to the second reflecting surface at about 90 degrees.